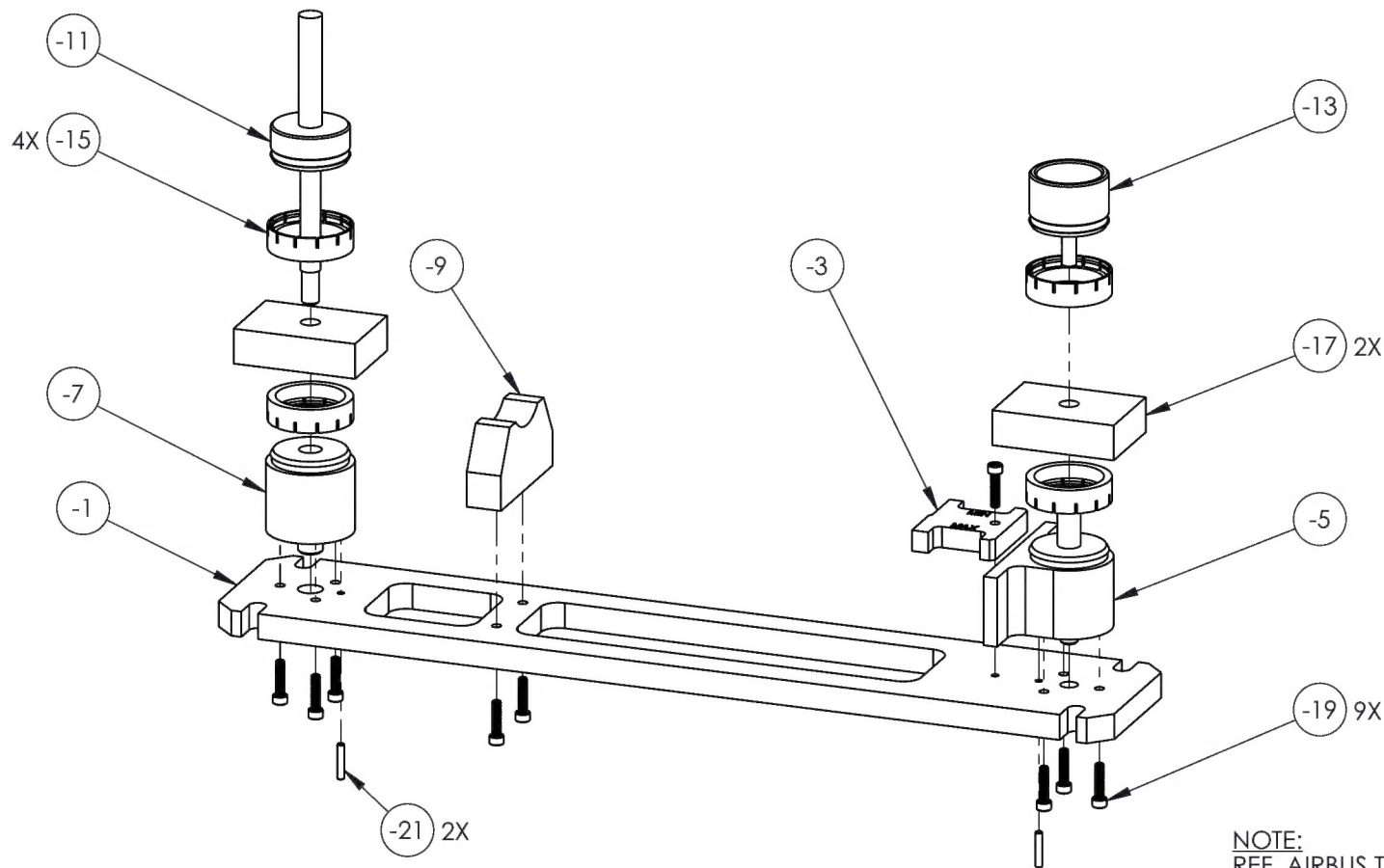


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION	6/14/2016	SM	JAG



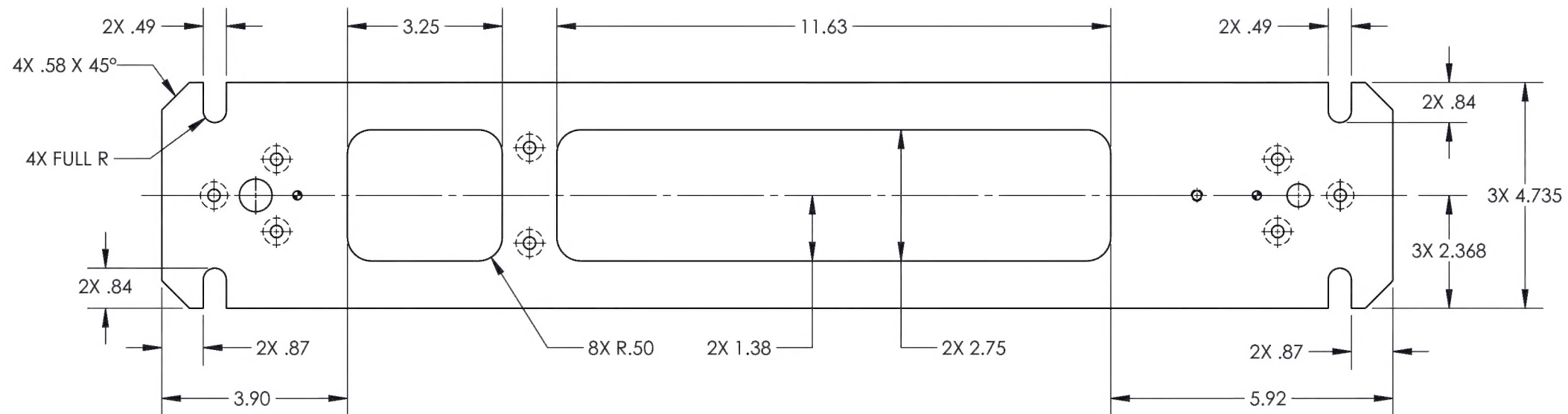
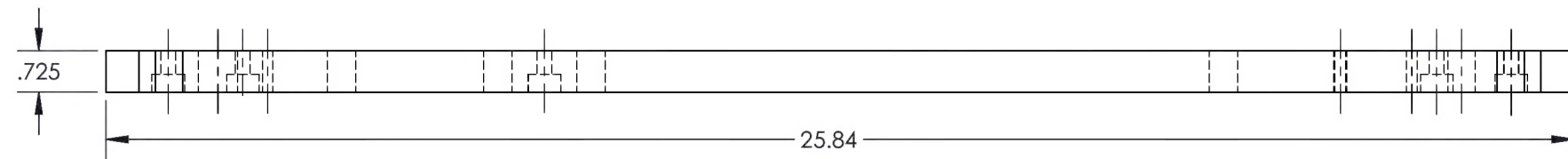
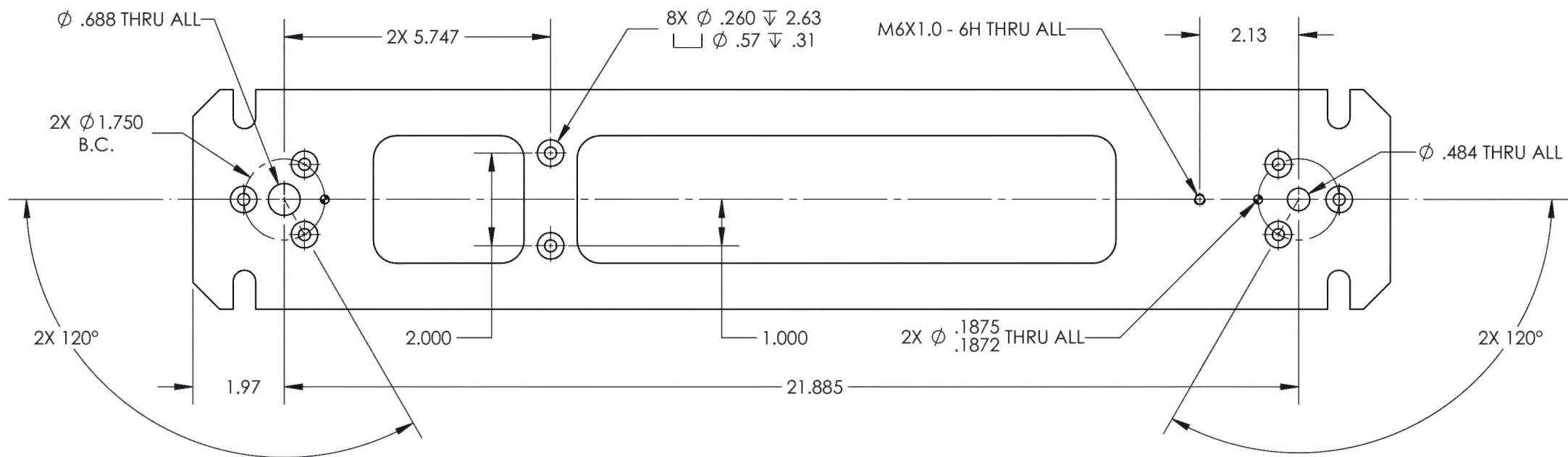
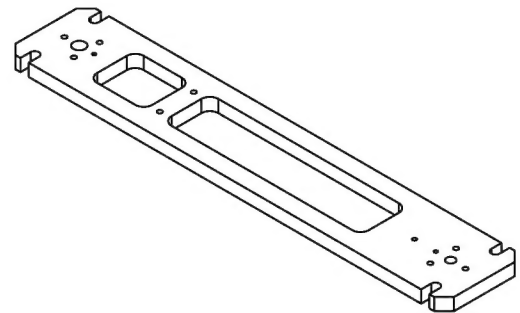
NOTE:
REF. AIRBUS T/N: M622V4008101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE	A36/1018/1020 HR		2
			-3	1	MEASUREMENT BLOCK	A36/1018/1020 HR		3
			-13	1	FASTENER 2	A36/1018/1020 HR		4
		B/O	-21	2	PIN	STEEL	3/16 X 1 (MCMaster-CARR # 98381A510)	5
			-7	1	SUPPORT 2	A36/1018/1020 HR		6
			-9	1	SUPPORT 3	6061		7
		B/O	-19	9	SOCKET CAP SCREW	S.S.	M6 X 1 X 25MM (MCMaster-CARR # 92290A330)	8
			-15	4	CAP	BLACK DELRIN/ACETAL		9
			-5	1	SUPPORT 1	A36/1018/1020 HR		10
			-11	1	FASTENER 1	A36/1018/1020 HR		1
		B/O	-17	2	FOAM BLOCK	Y-20 BLACK	3.50 X 2.45 X 1.00 (I.R. SPECIALTY)	1

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101	REV 1
MAT'L REPT	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8
TREAT FINISH	.XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:5	DATE 3/3/2016
SHEET 1 OF 10	

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REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED



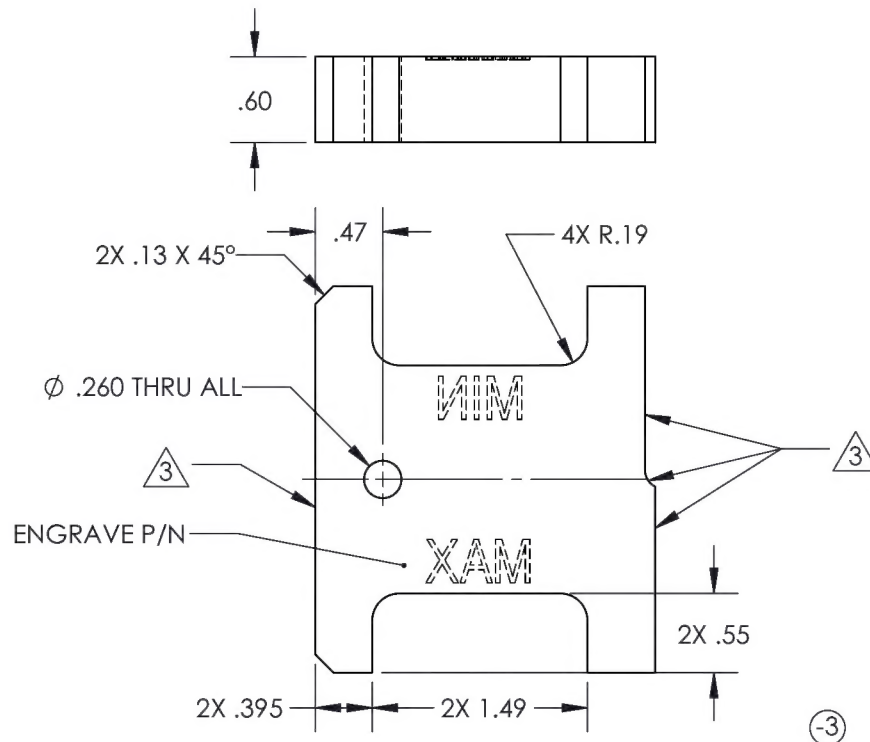
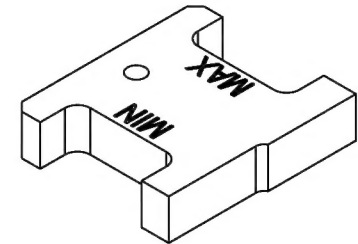
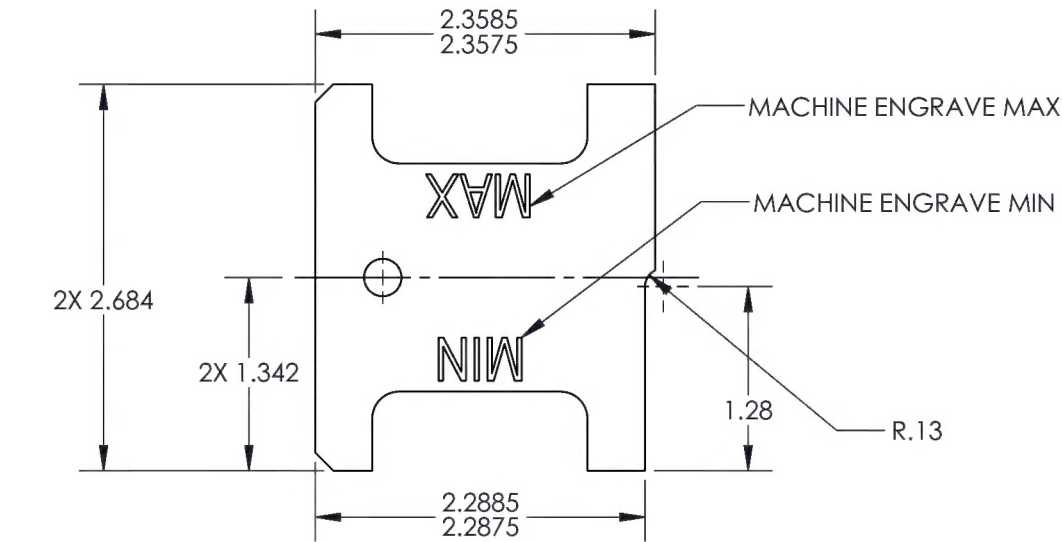
①

BASE

DART AEROSPACE			
TITLE MRH DAMPER SETTING TOOL			
DWG NO. RBEM622V4008101-1			REV 1
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX ± .005 FRACTIONS ± 1/8	
FINISH POWDER COAT YELLOW		.XX ± .01 ANGLES ± 5°	
SPEC FED #13538		.X ± .1 SURFACES = 125✓	
DRAWN BY: MACKOVJAK		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE 1:3		DATE 3/3/2016	SHEET 2 OF 10

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				APPROVED



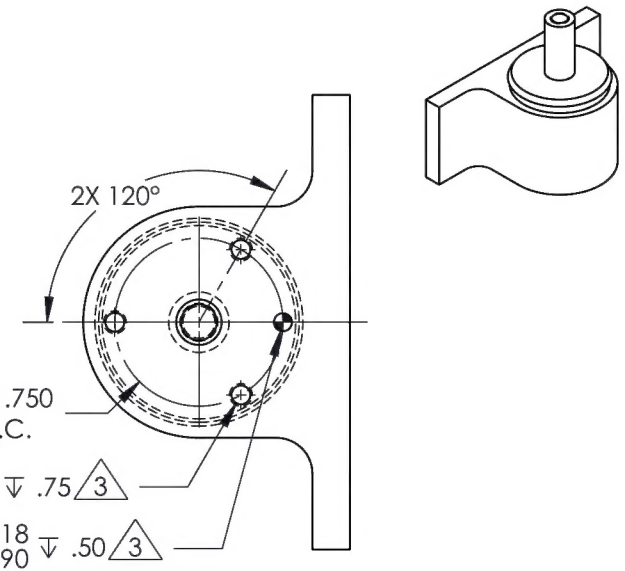
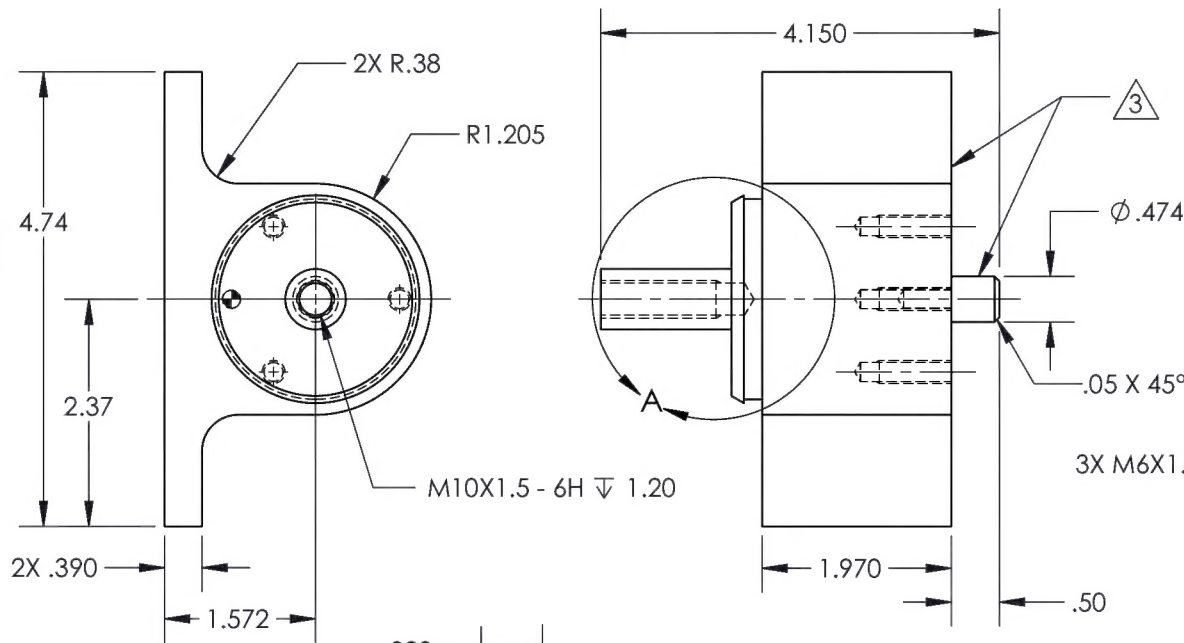
MEASUREMENT BLOCK

- NOTE:
DUAL FINISH:
1. ZINC PLATE SPEC. ASTM B633 TYPE I SC 2.
2. POWDER COAT YELLOW SPEC. FED #13538.
3 NO POWDER COAT ON SURFACE.

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-3	REV 1
MAT'L A36/1018/1020 HR HEAT TREAT SEE NOTE FINISH SEE NOTE SPEC DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 3:4	DATE 3/3/2016
SHEET 3 OF 10	

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NOTE:
DUAL FINISH:
1. ZINC PLATE SPEC. ASTM B633 TYPE I SC 2.
2. POWDER COAT YELLOW SPEC. FED #13538.
3. NO POWDER COAT ON SURFACE.

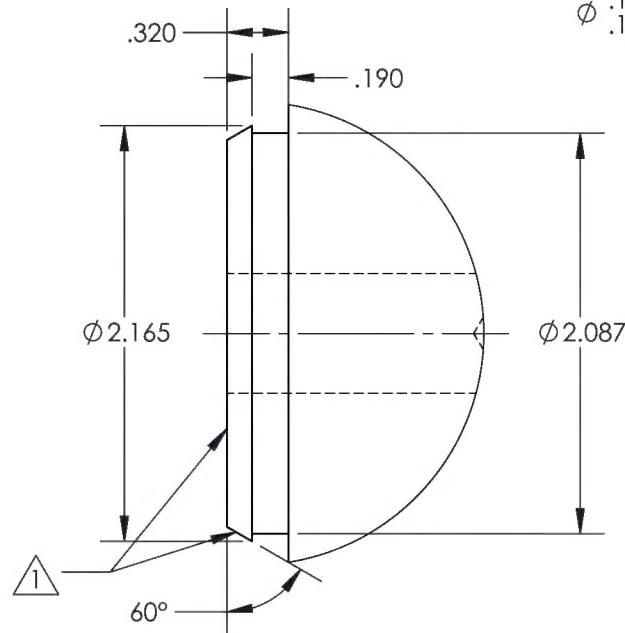
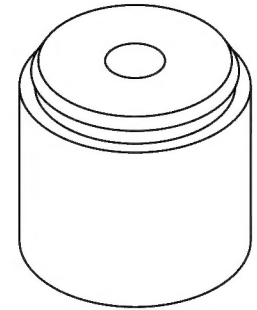
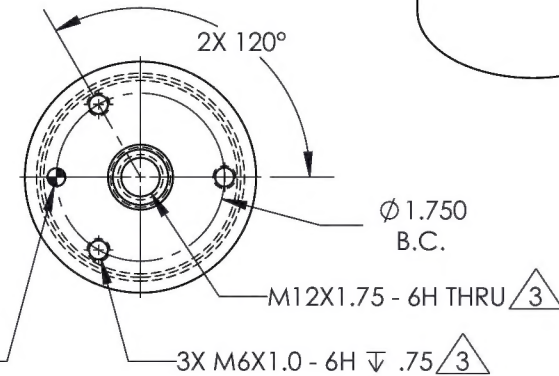
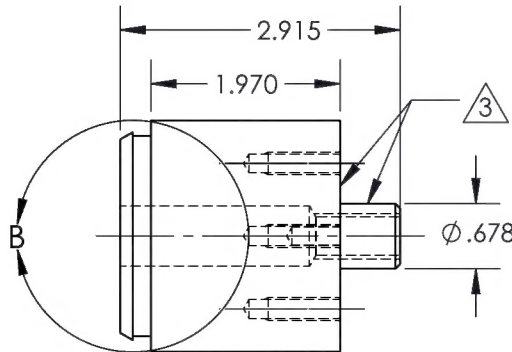
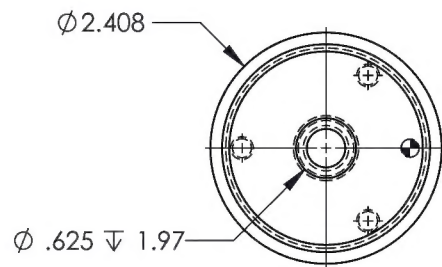
DART AEROSPACE			
TITLE MRH DAMPER SETTING TOOL			
DWG NO. RBEM622V4008101-5			REV 1
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT TREAT		.XXX \pm .005 FRACTIONS \pm 1/8	
FINISH SEE NOTE		.XX \pm .01 ANGLES \pm 5°	
SPEC		.X \pm .1 SURFACES = 125°	
DRAWN BY: MACKOVJAK		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: CLOUGH		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		H175	
SCALE	1:2	DATE	3/3/2016
		SHEET 4 OF 10	

DETAIL A
SCALE 1 : 1

(-5)
SUPPORT 1

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				APPROVED



DETAIL B
SCALE 1 : 1

(7)

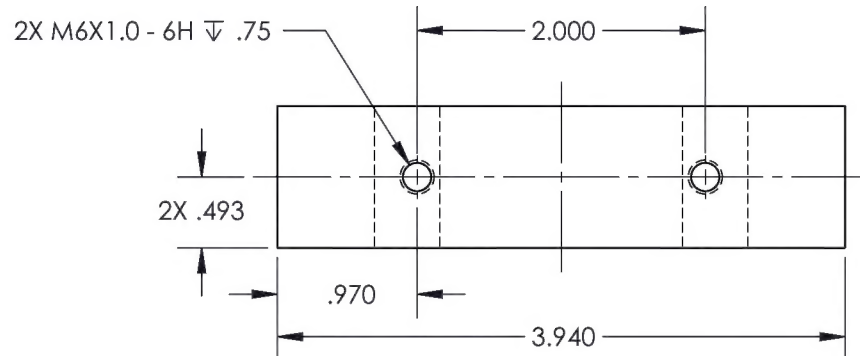
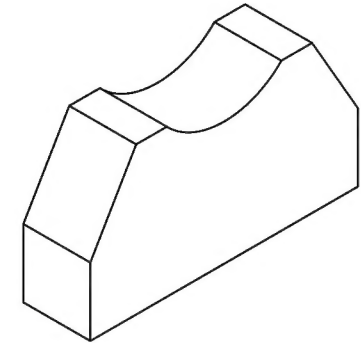
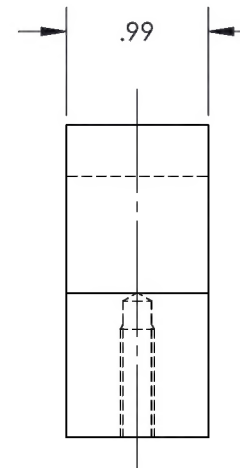
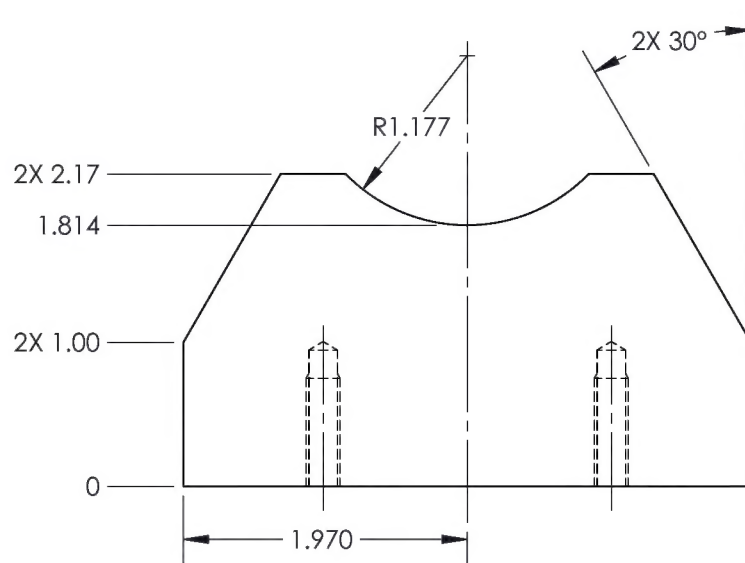
SUPPORT 2

NOTE:
DUAL FINISH:
1. ZINC PLATE SPEC. ASTM B633 TYPE I SC 2.
2. POWDER COAT YELLOW SPEC. FED #13538.
3. NO POWDER COAT ON SURFACE.

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-7	REV 1
MAT'L A36/1018/1020 HR HEAT TREAT SEE NOTE FINISH SEE NOTE SPEC DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
USED ON MODEL H175	
SCALE 1:2	DATE 3/3/2016
SHEET 5 OF 10	

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				APPROVED



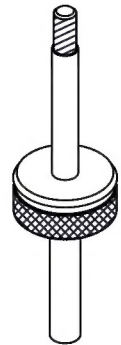
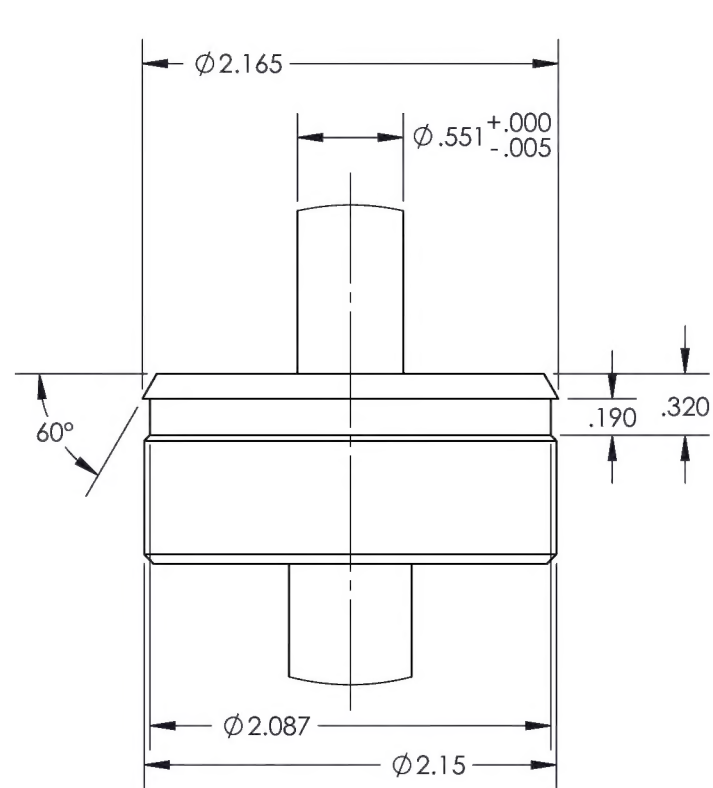
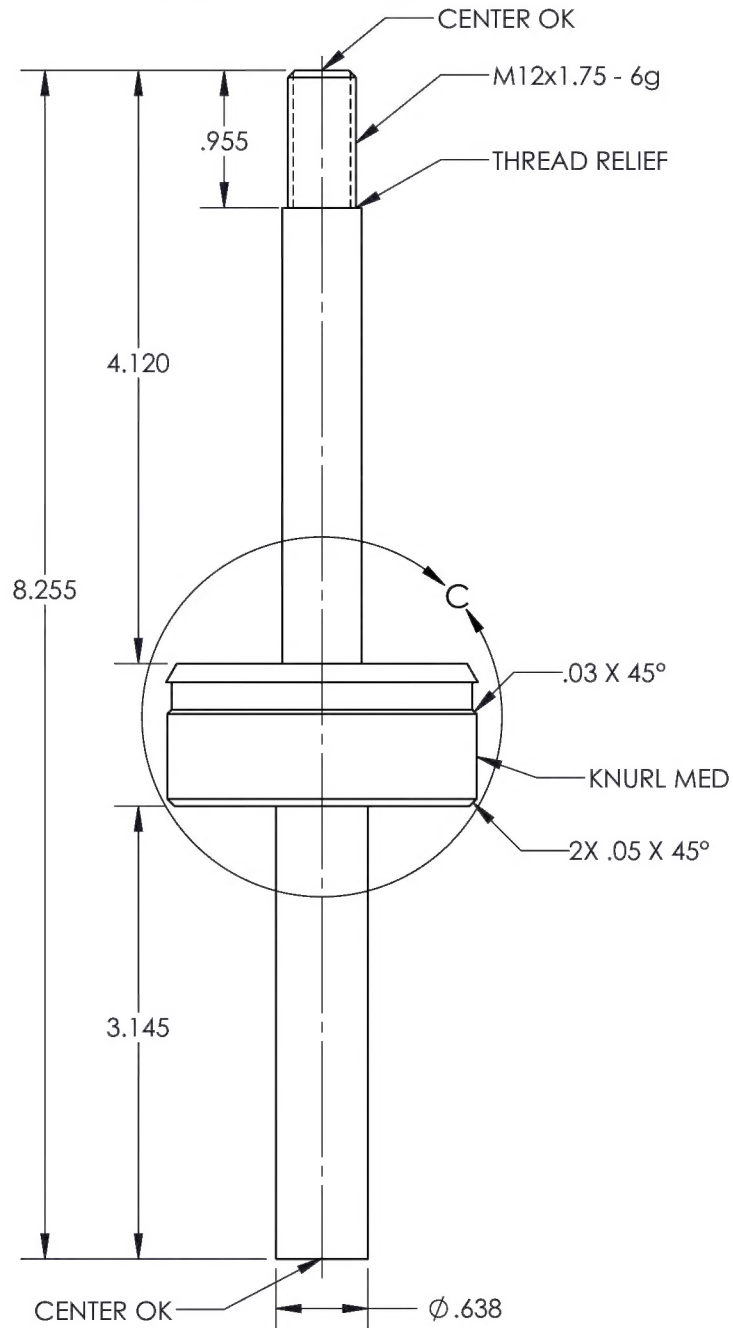
(9)

SUPPORT 3

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-9	REV 1
MAT'L 6061 TREAT FINISH BLACK ANODIZE SPEC MIL-A-8625, TYPE II, CLASS II	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 3:4	DATE 3/3/2016
SHEET 6 OF 10	

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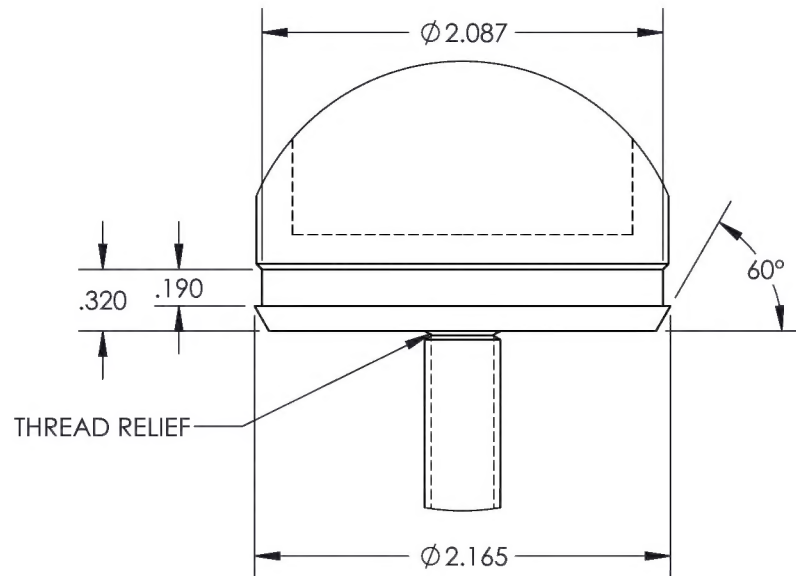
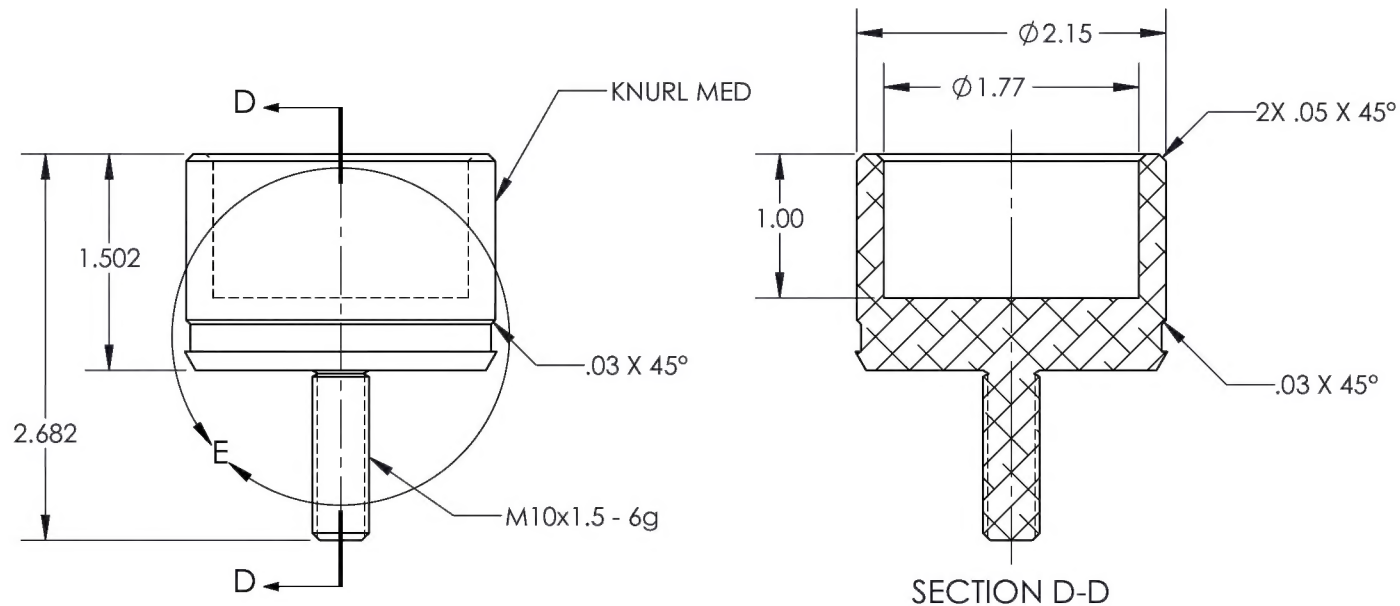
DETAIL C
SCALE 1 : 1

(-11)
FASTENER 1

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-11	REV 1
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: MACKOVJAK	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 3:4	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 3/3/2016	USED ON MODEL
SHEET 7 OF 10	H175

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



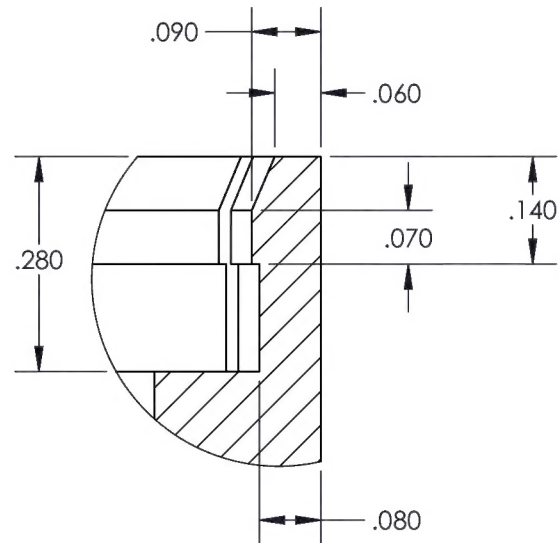
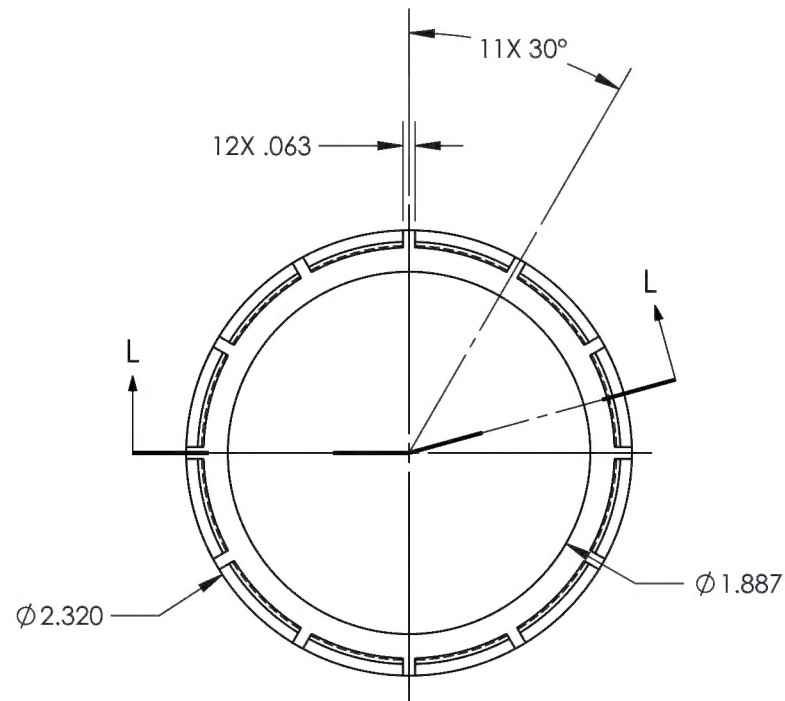
DETAIL E
SCALE 1 : 1

(-13)
FASTENER 2

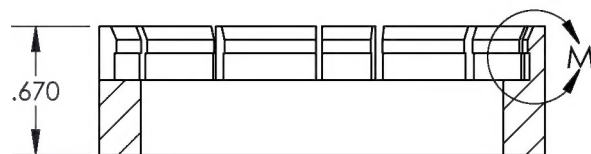
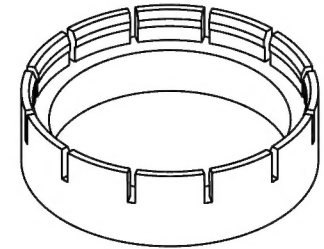
DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-13	REV 1
MAT'L A36/1018/1020 HR HEAT TREAT FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125 ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK CHECKED: CLOUGH OPPTS APPR: ANDERSON QA APPR: LINDSAY APPROVED: GILBERT	
USED ON MODEL H175	
SCALE 3:4	DATE 3/3/2016
SHEET 8 OF 10	

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				APPROVED



DETAIL M
SCALE 4 : 1



SECTION L-L

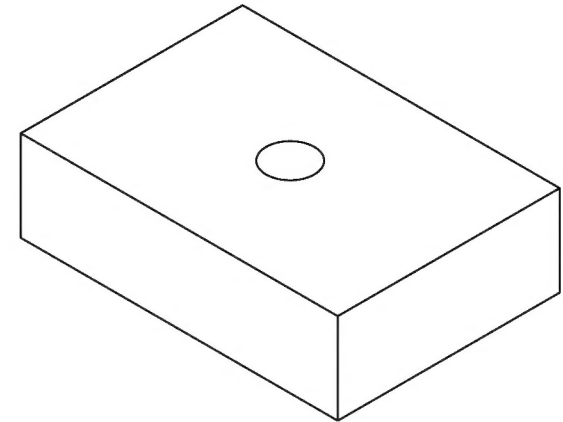
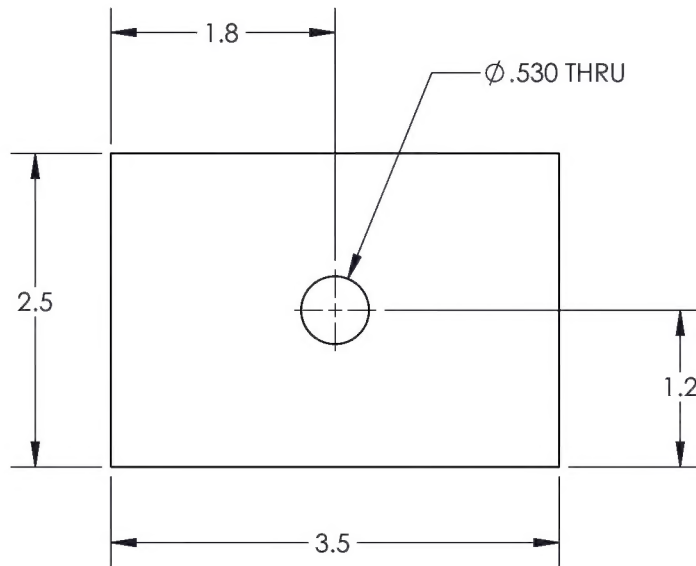
(15)

CAP

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-15	REV 1
MAT'L BLACK DELRIN/ACETAL TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± .5° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 1:1	DATE 3/3/2016
SHEET 9 OF 10	

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-17

FOAM BLOCK

DART AEROSPACE	
TITLE MRH DAMPER SETTING TOOL	
DWG NO. RBEM622V4008101-17	REV ?
MAT'L Y-20 BLACK TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX \pm .010 FRACTIONS \pm 1/8 .XX \pm .03 ANGLES \pm 1° .X \pm .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: MACKOVJAK	USED ON MODEL
CHECKED: CLOUGH	H175
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE 2:3	DATE 3/3/2016
SHEET 10 OF 10	